EXHIBIT 2

LANDFILL TECHNOLOGIES OF ARECIBO, LLC

Surface Methane Gas Monitoring at the Arecibo Municipal Solid Waste Landfill

Quarterly Event Report

Prepared by:
Landfill Technologies of Arecibo, LLC.

January to March 2018

Bo. Mamey, Carretera 189 km. 9.0, Gurabo, PR 00778 • PO Box 1322 Gurabo, Puerto Rico 00778 • Tel. (787) 273-7639 • Fax (787) 687-0337

Table of Contents

Introduction

Landfill Technologies of Arecibo, LLC (LTA) has conducted on January, February and March of 2018 the surface and perimeter methane gas monitoring event at the Arecibo Municipal Solid Waste Landfill as part of the operation of the Gas Collection and Control System (GCCS). This event is also performed as part of the state and federal agency's for environment requirements for solid waste landfills.

The surface methane gas monitoring was performed by Landfill Technologies of Arecibo, LLC (LTA) personnel during March 28, 2018 according to the following rule of the "Enmiendas al Reglamento para el Control de la Contaminación Atmosférica de la Junta de Calidad Ambiental para cumplir con los requisitos para Planes Estatales de la Sección 111 (d) de la Ley Federal de Aire Limpio para Implantar las Guías de Emisiones para Sistemas de Relleno Sanitario". This monitoring consisted of obtaining readings with a portable instrument (TVA1000B) surface detector, please refer to Appendix A for specifications of instrument) from landfill surface, groundwater monitoring wells, gas collection system and ambient monitoring.

Objectives

The objective of this event (the surface methane gas monitoring) is to ensure that the concentration of methane (CH_4) generated by the landfill does not exceed the lower explosive limit (LEL) of methane at the facility. The LEL for this monitoring is 500 ppm (parts per million) or 25%. If the personnel of LTA detect any release that exceeds the LEL it will require notification to the owner or operator and an expansion of the monitoring program to determine the vertical and horizontal extent of the release.

Description

The surface methane operational standards consist of monitoring the surface emissions of methane along the entire perimeter of the collection area and along a serpentine patter 30 meter apart (or site specific established spacing) for each collection area using a portable surface detector (TVA1000B – Appendix A).

Sampling Locations and Results

Landfill Technologies of Arecibo, LLC has created samplings locations at the Arecibo Municipal Solid Waste Landfill site where the surface emission readings have been collected. LTA presents the sampling locations at Appendix B. These readings were collected with the portable surface detector (TVA1000B) and are presented in Appendix C.

Conclusions and Recommendations

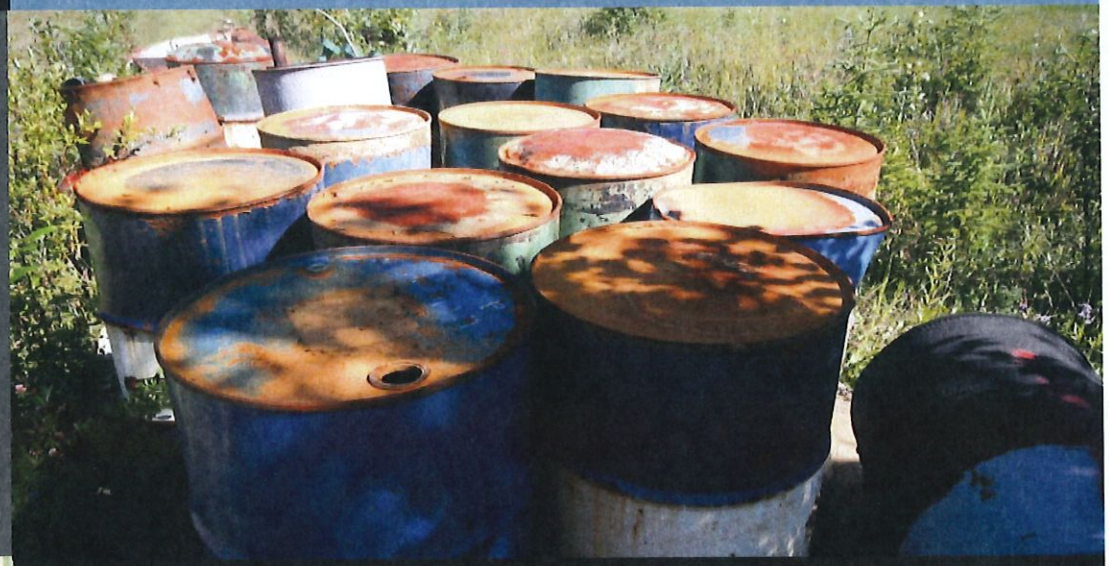
The surface emissions readings were performed for January, February and March of 2018 monitoring event from the Arecibo Municipal Solid Waste Landfill. This monitoring is part of conclusions quarterly monitoring program aimed to detect abnormal gas release at the landfill. During this event of monitoring the active area (area where the waste was deposited) was located at East side of the landfill. The LTA personnel inspect the area and there were no cracks that present a hazard to the surface.

Also the results of the surface emission monitoring for January, February and March of 2018 events by LTA personnel indicates that during that period no sampling point monitored exceed the LEL for methane which means that the landfill location does not represent a high risk of explosiveness.

APPENDIX A

Thermo Scientific Portable Toxic Analyzer – TVA1000B
Surface Emission Monitor Specifications

Thermo Scientific
TVA1000B
Toxic Vapor Analyzer



The Only Portable Intrinsically Safe Dual PID/FID Analyzer

Part of Thermo Fisher Scientific

Thermo SCIENTIFIC

Portable Toxic Vapor Analyzer

The Thermo Scientific TVA1000B is the only over-the-shoulder portable vapor analyzer that offers both PID (Photo Ionization Detection) and FID (Flame Ionization Detection) in a single, easy-to-use instrument. The ability to utilize both technologies in this field proven instrument provides benefits in reduced weight and a single user interface. The user can easily monitor and log inorganic and organic vapors simultaneously.

FID Detection

Users can measure a wide variety of organic vapors over an impressive dynamic range (0-50,000 ppm), monitoring some compounds that the PID will not detect. The flame ionization detector operates by breaking hydrocarbon bonds and is not limited by a low ionization potential of the molecule.

Simultaneous FID/PID Detection

No other instrument offers both Photo Ionization and Flame Ionization Detection operating simultaneously in a single portable vapor analyzer. Dual detection eliminates the time, expense and trouble of purchasing and maintaining two separate analyzers.

With PID detection, the user has not only the ability to monitor for organic compounds, but also can detect many inorganic compounds. Some compounds detected by PID and not FID are ammonia, carbon disulfide, carbon tetrachloride, formaldehyde, and hydrogen sulfide. The PID also has the advantage of not requiring fuel or air to operate. In anaerobic environments, the TVA1000B PID can be used.

Key Features

- Simultaneous FID/PID or Single FID detector(s)
- Portable and lightweight
- Multiple response factors and curves
- Multi-point calibration
- On-board datalogging
- 8 hour battery life

Probe Options

Standard Probe
Display measurement values on a 4-character LCD, with measurement units displayed on %, ppm, or ppb. Additionally, a bar graph indicator provides an indication of concentration level. Function keys allow selection of analyzer functions.

Enhanced Probe
Originally designed for Fugitive Emissions monitoring, the enhanced probe has a larger display area than the basic probe. This provides a display of up to 6 lines x 20 characters, plus a double height concentration value. It displays all the same information as the standard probe and has menu-driven access to many of the analyzer functions, allowing them to be easily initiated and/or changed at the probe.

TVA1000B
Data Manager Accessory: Route Management Probe

Powerful field capabilities
The TVA1000B Data Manager allows users to modify or create route data in the field, eliminating the need for manual recording of data. This helps you comply with the electronic data storage requirements within most consent decrees. The probe has a highly visible 360 degree LED with a pulsed rate linked to concentration.

The DataManager provides access to all of the features previously available only through the sidepack. Users can also easily search and navigate between tags in a route by simply entering the desired tag identifier.

Flexibility and control
The DataManager allows control of how data is viewed and accessed in the field. This allows the user to customize the view to best meet the monitoring needs at your facility, as each route may have different fields and screen displays. Fields may be designated as non-editable to enhance data integrity and database security.

An optional comment field allows the user to make electronic notes about each tag monitored. An alpha-numeric keypad makes data entry a snap.

Key Features for the DataManager

- Custom field labels for more clearly identified route information
- Definable screen layouts optimize user efficiency
- Pick lists lead to consistent data entry and minimize chance of data entry errors
- One button selections to access most commonly used functions
- New sample probe provides 360 degree visual indicator of concentration level
- Cable management system eliminates snagging sample line and electronic cable
- Existing TVA1000 units may be upgraded
- Enhanced filtering system removes dirt and water more efficiently.

Analyzer bag protects TVA1000 and may be used with standard shoulder strap or optional framed backpack

ThermoConnect Software

ThermoConnect enables users of the TVA1000B to transfer, display, analyze, and configure data from the instrument using a computer. ThermoConnect is Windows® based and facilitates the importing of data into other Windows® based applications making it easier to retrieve logged data.

Added capability to maximize the TVA DataManager's features

ThermoConnect has been updated with a powerful new utility to create new route database template files. This utility allows you to easily build your own route database and design the screen appearance through a four-step process. Also, any existing route files in the old file format are still recognized by the TVA and may be upgraded to the new format.

Windows® is a registered trademark of Microsoft Coporation.

Complete DataManager System

Applications

Fugitive Emissions Monitoring
The unique dual detector FID/PID design can handle a wide range of compound vapors present at processing plants. The TVA1000B permits monitoring at lower ppm levels.

Emergency Response
For reliable measurements of hazardous spills or emissions, the TVA1000B responds quickly in an emergency. The ability to quickly detect the presence of "hot spots" is key to locating the source of the hazard.

Hazardous Waste Site Evaluation
The TVA1000B allows quick and easy identification of the hazard location and quantifies the level of contamination.

Underground Storage Tanks
The TVA1000B is a primary tool for determining if a UST is leaking and the extent of the contamination.

Industrial Hygiene
The TVA1000B can help you maximize the effectiveness of your plant ventilation system, and identifies trouble spots. Use it to survey ambient vapor levels in specific breathing zones or in general plant environments, and log for furthur follow-up action.

Natural Gas Leak Detection
The TVA1000B enables quick and easy detection of natural gas leaks.

The Thermo Scientific **TVA1000B** is a benchmark for experience and reliability in Fugitive Emissions Monitoring

Thermo Scientific TVA1000B Specifications

Safety certifications	FM (Class 1, Div. 1, Groups A,B,C&D Hazardous Location, Temp. Class T4)
Datalogging	Onboard
Readout	Bar graph & 4- digit LCD
Dynamic Range	0.5-2,000 ppm (PID) isobutylene; 0.5-50,000 ppm (FID) methane
Linear Range	0.5-500 ppm (PID) isobutylene; 0.5-10,000 ppm (FID) methane
Response Time	3.5 seconds
Minimum Detectable Limit	100 ppb benzene (PID); 300 ppb hexane (FID) (laboratory conditions)
Alarms	Low, high, STEL
Sample Flow Rate	1,000 cc/min nominal
Power	Rechargeable NiCd Battery
Logging Capacity	900-18,000 points mode specific
Temperature Range	0-40°C (32°F - 104°F)
Fuel	None required (PID); 99.995% hydrogen (FID)
Portable Operation Time	8 hours (with reference operating conditions)
Approximate Mass	5.8 kg (13 pounds)
Nominal Dimensions	13.5 x 10.3 x 3.2 inches (343 x 262 x 81 mm)
Analog Output	0-2V dc (non-calibrated)
Repeatability	+/- 1% (PID); +/- 2% (FID)
Autoranging	Yes
Diagnostics	Yes
Other Available Options:	
Carrying Case	P/N CR012XL
Charcoal Filter	P/N 510095-1
FID Calibration Kit	P/N CR009UY
PID/FID Calibration Kit	P/N CR012UH

Thermo Scientific products represent a broad range of high-end analytical instruments, chemistry and consumable supplies, laboratory equipment, software and services that enable integrated laboratory workflow solutions. Thermo Scientific is the new name for a trusted brand – Thermo Electron – that the world's most renowned researchers, clinicians and scientists already count on to solve their analytical challenges. The brand is strengthened by the additions equipment, consumables and reagents acquired from Fisher Scientific.

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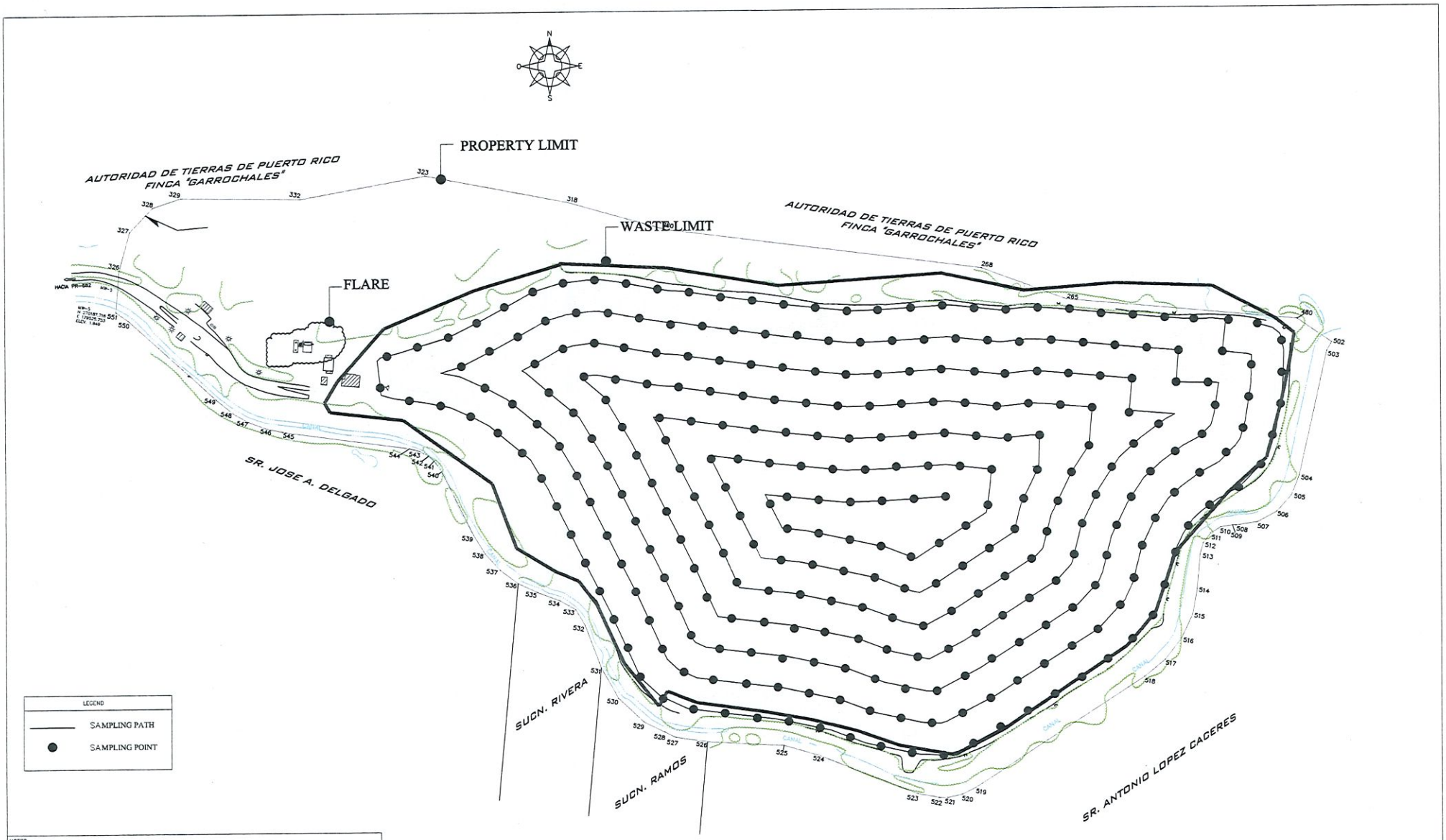
1.866.282.0430
1.508.520.1460 fax

Thermo SCIENTIFIC

APPENDIX B

Sampling Points Locations from Arecibo Municipal Landfill



NOTES:

1. SEM PATH SHOWN IS FOR FINAL GRADES. SEM CONDUCTED WHILE THE LANDFILL IS AT INTERIM GRADES MAY VARY FROM THE PATH SHOWN. RECORDS OF THE PATH FOLLOWED WILL BE MAINTAINED BY THE FACILITY.
2. SEM PATH WILL BE SPACED 30 M APART IN ACCORDANCE WITH NSPS RULES.

REVISION	DATE	BY	#

ARECIBO MUNICIPAL SOLID WASTE LANDFILL
ARECIBO, P.R

LANDFILL TECHNOLOGIES OF ARECIBO, CORP.

SURFACE EMISSIONS MONITORING
SAMPLING PATH

DRAWING: S-100
SCALE:
DATE: 01/2010

APPENDIX C

Surface Emission Readings

LANDFILL TECHNOLOGIES CORP.

MONITORIAS DE GASES SUPERFICIALES VRS ARECIBO

MARZO 2018

TAG	DATE	DETECTOR	CONCENTRATION	CONCENTRATION UNITS	TYPE
POINT1	3/28/2018	FID	2.01	PPM	FE
POINT2	3/28/2018	FID	1.88	PPM	FE
POINT3	3/28/2018	FID	1.91	PPM	FE
POINT4	3/28/2018	FID	2.04	PPM	FE
POINT5	3/28/2018	FID	2.14	PPM	FE
POINT6	3/28/2018	FID	2.09	PPM	FE
POINT7	3/28/2018	FID	2.45	PPM	FE
POINT8	3/28/2018	FID	2.62	PPM	FE
POINT9	3/28/2018	FID	2.16	PPM	FE
POINT10	3/28/2018	FID	2.18	PPM	FE
POINT11	3/28/2018	FID	2.22	PPM	FE
POINT12	3/28/2018	FID	2.11	PPM	FE
POINT13	3/28/2018	FID	2.09	PPM	FE
POINT14	3/28/2018	FID	2.13	PPM	FE
POINT15	3/28/2018	FID	2.22	PPM	FE
POINT16	3/28/2018	FID	2.13	PPM	FE
POINT17	3/28/2018	FID	2.05	PPM	FE
POINT18	3/28/2018	FID	2.05	PPM	FE
POINT19	3/28/2018	FID	2.12	PPM	FE
POINT20	3/28/2018	FID	3.98	PPM	FE
POINT21	3/28/2018	FID	2.2	PPM	FE
POINT22	3/28/2018	FID	2.12	PPM	FE
POINT23	3/28/2018	FID	2.19	PPM	FE
POINT24	3/28/2018	FID	2.21	PPM	FE
POINT25	3/28/2018	FID	2.28	PPM	FE
POINT26	3/28/2018	FID	2.07	PPM	FE
POINT27	3/28/2018	FID	2.37	PPM	FE
POINT28	3/28/2018	FID	2.19	PPM	FE
POINT29	3/28/2018	FID	2.43	PPM	FE
POINT30	3/28/2018	FID	2.16	PPM	FE
POINT31	3/28/2018	FID	2.01	PPM	FE
POINT32	3/28/2018	FID	2.27	PPM	FE
POINT33	3/28/2018	FID	2.14	PPM	FE
POINT34	3/28/2018	FID	2.23	PPM	FE
POINT35	3/28/2018	FID	2.36	PPM	FE
POINT36	3/28/2018	FID	2.28	PPM	FE
POINT37	3/28/2018	FID	2.28	PPM	FE
POINT38	3/28/2018	FID	2.14	PPM	FE

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TAG	DATE	DETECTOR	CONCENTRATION	CONCENTRATION UNITS	TYPE
POINT39	3/28/2018	FID	2.19	PPM	FE
POINT40	3/28/2018	FID	2.22	PPM	FE
POINT41	3/28/2018	FID	2.63	PPM	FE
POINT42	3/28/2018	FID	2.57	PPM	FE
POINT43	3/28/2018	FID	2.68	PPM	FE
POINT44	3/28/2018	FID	2.86	PPM	FE
POINT45	3/28/2018	FID	3.07	PPM	FE
POINT46	3/28/2018	FID	3.05	PPM	FE
POINT47	3/28/2018	FID	2.98	PPM	FE
POINT48	3/28/2018	FID	3.03	PPM	FE
POINT49	3/28/2018	FID	3.5	PPM	FE
POINT50	3/28/2018	FID	3.28	PPM	FE
POINT51	3/28/2018	FID	3.34	PPM	FE
POINT52	3/28/2018	FID	2.09	PPM	FE
POINT53	3/28/2018	FID	2.51	PPM	FE
POINT54	3/28/2018	FID	2.11	PPM	FE
POINT55	3/28/2018	FID	2.47	PPM	FE
POINT56	3/28/2018	FID	2.4	PPM	FE
POINT57	3/28/2018	FID	3.13	PPM	FE
POINT58	3/28/2018	FID	2.21	PPM	FE
POINT59	3/28/2018	FID	2.48	PPM	FE
POINT60	3/28/2018	FID	3.33	PPM	FE
POINT61	3/28/2018	FID	3.11	PPM	FE
POINT62	3/28/2018	FID	2.26	PPM	FE
POINT63	3/28/2018	FID	2.36	PPM	FE
POINT64	3/28/2018	FID	3.94	PPM	FE
POINT65	3/28/2018	FID	26.74	PPM	FE
POINT66	3/28/2018	FID	29.95	PPM	FE
POINT67	3/28/2018	FID	28.94	PPM	FE
POINT68	3/28/2018	FID	29.09	PPM	FE
POINT69	3/28/2018	FID	29.05	PPM	FE
POINT70	3/28/2018	FID	29.93	PPM	FE
POINT71	3/28/2018	FID	30.49	PPM	FE
POINT72	3/28/2018	FID	29.82	PPM	FE
POINT73	3/28/2018	FID	28.12	PPM	FE
POINT74	3/28/2018	FID	28.88	PPM	FE
POINT75	3/28/2018	FID	28.75	PPM	FE
POINT76	3/28/2018	FID	28.91	PPM	FE

LANDFILL TECHNOLOGIES CORP.

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TAG	DATE	DETECTOR	CONCENTRATION	CONCENTRATION UNITS	TYPE
POINT77	3/28/2018	FID	28.16	PPM	FE
POINT78	3/28/2018	FID	27.82	PPM	FE
POINT79	3/28/2018	FID	26.91	PPM	FE
POINT80	3/28/2018	FID	27.71	PPM	FE
POINT81	3/28/2018	FID	34.07	PPM	FE
POINT82	3/28/2018	FID	34.05	PPM	FE
POINT83	3/28/2018	FID	38.37	PPM	FE
POINT84	3/28/2018	FID	33.34	PPM	FE
POINT85	3/28/2018	FID	25.31	PPM	FE
POINT86	3/28/2018	FID	22.28	PPM	FE
POINT87	3/28/2018	FID	22.55	PPM	FE
POINT88	3/28/2018	FID	22.55	PPM	FE
POINT89	3/28/2018	FID	24.11	PPM	FE
POINT90	3/28/2018	FID	24.63	PPM	FE
POINT91	3/28/2018	FID	29.04	PPM	FE
POINT92	3/28/2018	FID	23.02	PPM	FE
POINT93	3/28/2018	FID	22.55	PPM	FE
POINT94	3/28/2018	FID	21.72	PPM	FE
POINT95	3/28/2018	FID	19.07	PPM	FE
POINT96	3/28/2018	FID	14.48	PPM	FE
POINT97	3/28/2018	FID	12.35	PPM	FE
POINT98	3/28/2018	FID	6.98	PPM	FE
POINT99	3/28/2018	FID	7.54	PPM	FE
POINT100	3/28/2018	FID	7.16	PPM	FE
POINT101	3/28/2018	FID	6.07	PPM	FE
POINT102	3/28/2018	FID	5.37	PPM	FE
POINT103	3/28/2018	FID	5.54	PPM	FE
POINT104	3/28/2018	FID	5.54	PPM	FE
POINT105	3/28/2018	FID	4.71	PPM	FE
POINT106	3/28/2018	FID	4.25	PPM	FE
POINT107	3/28/2018	FID	4.86	PPM	FE
POINT108	3/28/2018	FID	5.68	PPM	FE
POINT109	3/28/2018	FID	5.43	PPM	FE
POINT110	3/28/2018	FID	4.19	PPM	FE
POINT111	3/28/2018	FID	4.9	PPM	FE
POINT112	3/28/2018	FID	4.84	PPM	FE
POINT113	3/28/2018	FID	5.22	PPM	FE
POINT114	3/28/2018	FID	23.97	PPM	FE

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TAG	DATE	DETECTOR	CONCENTRATION	CONCENTRATION UNITS	TYPE
POINT115	3/28/2018	FID	6.55	PPM	FE
POINT116	3/28/2018	FID	6.71	PPM	FE
POINT117	3/28/2018	FID	6.5	PPM	FE
POINT118	3/28/2018	FID	4.45	PPM	FE
POINT119	3/28/2018	FID	5.17	PPM	FE
POINT120	3/28/2018	FID	18.12	PPM	FE
POINT121	3/28/2018	FID	27.41	PPM	FE
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POINT125	3/28/2018	FID	30.39	PPM	FE
POINT126	3/28/2018	FID	31.55	PPM	FE
POINT127	3/28/2018	FID	109	PPM	FE
POINT128	3/28/2018	FID	10.57	PPM	FE
POINT129	3/28/2018	FID	31.09	PPM	FE
POINT130	3/28/2018	FID	28.67	PPM	FE
POINT131	3/28/2018	FID	28.51	PPM	FE
POINT132	3/28/2018	FID	28.03	PPM	FE
DOWNWIND	3/28/2018	FID	1.77	PPM	FE
UPWIND	3/28/2018	FID	1.91	PPM	FE

Land-Tech

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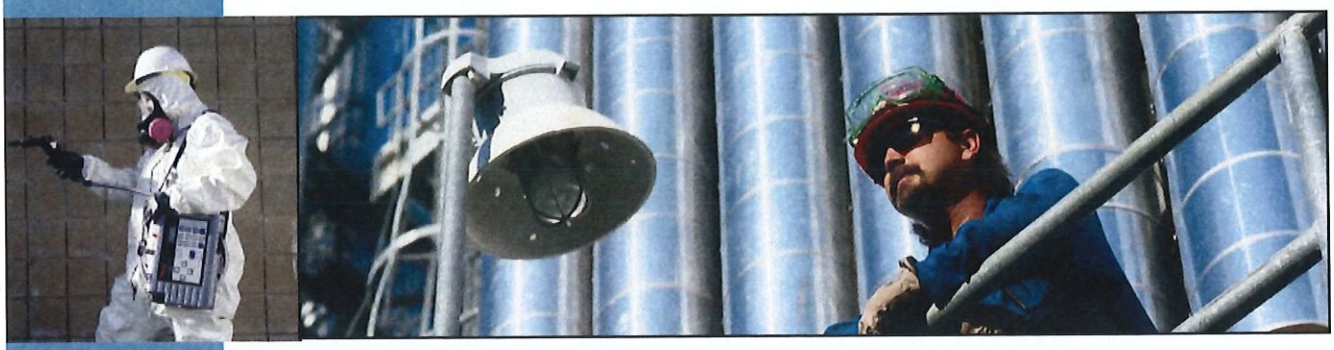
Part of Thermo Fisher Scientific

Thermo SCIENTIFIC



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The DataManager provides access to all of the features previously available only through the sidepack. Users can also easily search and navigate between tags in a route by simply entering the desired tag identifier.

Flexibility and control
The DataManager allows control of how data is viewed and accessed in the field. This allows the user to customize the view to best meet the monitoring needs at your facility, as each route may have different fields and screen displays. Fields may be designated as non-editable to enhance data integrity and database security.

An optional comment field allows the user to make electronic notes about each tag monitored. An alpha-numeric keypad makes data entry a snap.

Key Features for the DataManager

- Custom field labels for more clearly identified route information
- Definable screen layouts optimize user efficiency
- Pick lists lead to consistent data entry and minimize chance of data entry errors
- One button selections to access most commonly used functions
- New sample probe provides 360 degree visual indicator of concentration level
- Cable management system eliminates snagging sample line and electronic cable
- Existing TVA1000 units may be upgraded
- Enhanced filtering system removes dirt and water more efficiently.

Analyzer bag protects TVA1000 and may be used with standard shoulder strap or optional framed backpack

ThermoConnect Software

ThermoConnect enables users of the TVA1000B to transfer, display, analyze, and configure data from the instrument using a computer. ThermoConnect is Windows® based and facilitates the importing of data into other Windows® based applications making it easier to retrieve logged data.

Added capability to maximize the TVA DataManager's features

ThermoConnect has been updated with a powerful new utility to create new route database template files. This utility allows you to easily build your own route database and design the screen appearance through a four-step process. Also, any existing route files in the old file format are still recognized by the TVA and may be upgraded to the new format.

Windows® is a registered trademark of Microsoft Coporation.

Complete DataManager System

Applications

Fugitive Emissions Monitoring
The unique dual detector FID/PID design can handle a wide range of compound vapors present at processing plants. The TVA1000B permits monitoring at lower ppm levels.

Emergency Response
For reliable measurements of hazardous spills or emissions, the TVA1000B responds quickly in an emergency. The ability to quickly detect the presence of "hot spots" is key to locating the source of the hazard.

Hazardous Waste Site Evaluation
The TVA1000B allows quick and easy identification of the hazard location and quantifies the level of contamination.

Underground Storage Tanks
The TVA1000B is a primary tool for determining if a UST is leaking and the extent of the contamination.

Industrial Hygiene
The TVA1000B can help you maximize the effectiveness of your plant ventilation system, and identifies trouble spots. Use it to survey ambient vapor levels in specific breathing zones or in general plant environments, and log for furthur follow-up action.

Natural Gas Leak Detection
The TVA1000B enables quick and easy detection of natural gas leaks.

The Thermo Scientific **TVA1000B** is a benchmark for experience and reliability in Fugitive Emissions Monitoring

Thermo Scientific TVA1000B Specifications

Safety certifications	FM (Class 1, Div. 1, Groups A,B,C&D Hazardous Location, Temp. Class T4)
Datalogging	Onboard
Readout	Bar graph & 4- digit LCD
Dynamic Range	0.5-2,000 ppm (PID) isobutylene; 0.5-50,000 ppm (FID) methane
Linear Range	0.5-500 ppm (PID) isobutylene; 0.5-10,000 ppm (FID) methane
Response Time	3.5 seconds
Minimum Detectable Limit	100 ppb benzene (PID); 300 ppb hexane (FID) (laboratory conditions)
Alarms	Low, high, STEL
Sample Flow Rate	1,000 cc/min nominal
Power	Rechargeable NiCd Battery
Logging Capacity	900-18,000 points mode specific
Temperature Range	0-40°C (32°F - 104°F)
Fuel	None required (PID); 99.995% hydrogen (FID)
Portable Operation Time	8 hours (with reference operating conditions)
Approximate Mass	5.8 kg (13 pounds)
Nominal Dimensions	13.5 x 10.3 x 3.2 inches (343 x 262 x 81 mm)
Analog Output	0-2V dc (non-calibrated)
Repeatability	+/- 1% (PID); +/- 2% (FID)
Autoranging	Yes
Diagnostics	Yes
Other Available Options:	
Carrying Case	P/N CR012XL
Charcoal Filter	P/N 510095-1
FID Calibration Kit	P/N CR009UY
PID/FID Calibration Kit	P/N CR012UH

Thermo Scientific products represent a broad range of high-end analytical instruments, chemistry and consumable supplies, laboratory equipment, software and services that enable integrated laboratory workflow solutions. Thermo Scientific is the new name for a trusted brand – Thermo Electron – that the world's most renowned researchers, clinicians and scientists already count on to solve their analytical challenges. The brand is strengthened by the additions equipment, consumables and reagents acquired from Fisher Scientific.

TÜV MANAGEMENT SERVICE ISO 9001

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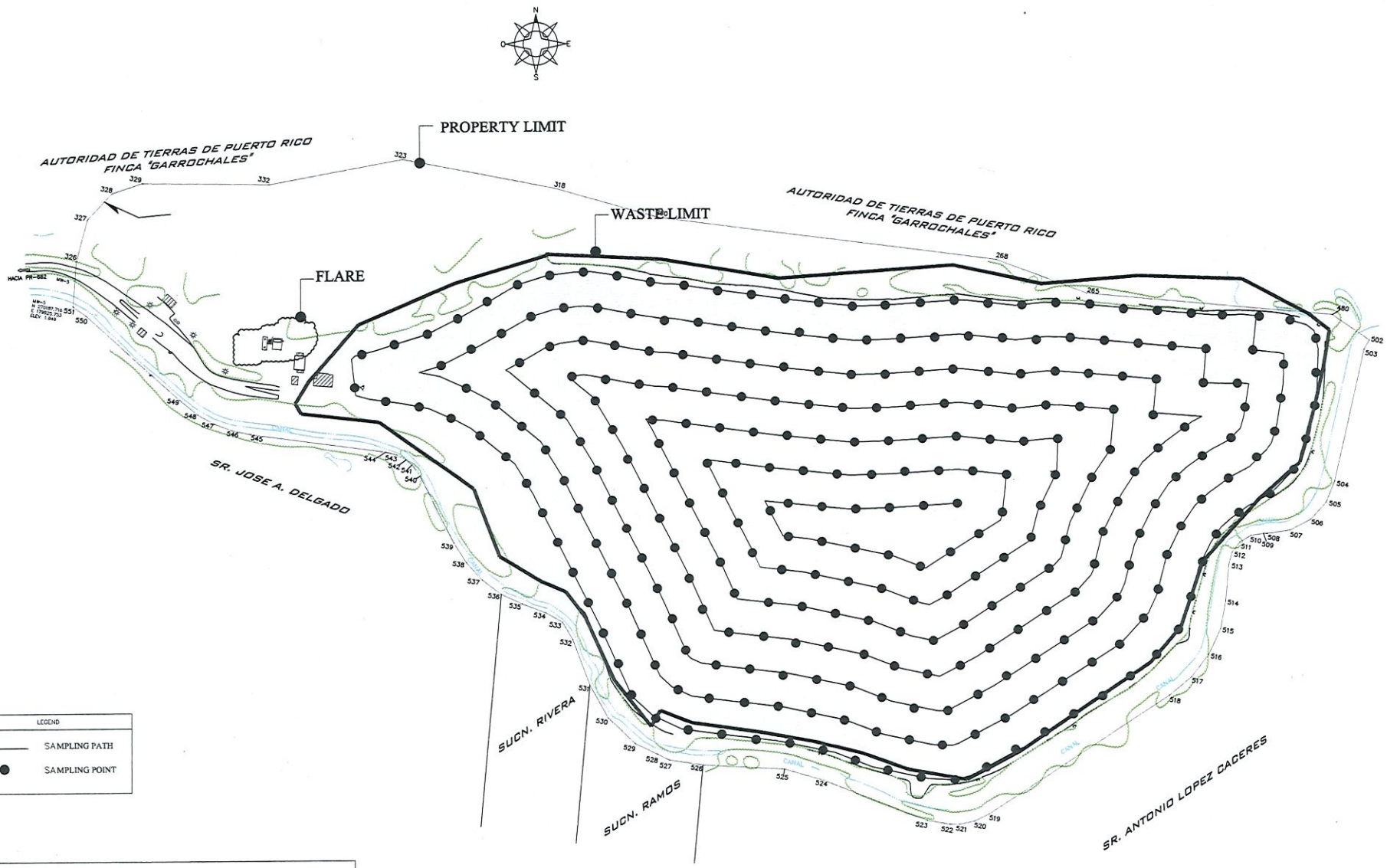
Thermo SCIENTIFIC

APPENDIX B

Sampling Points Locations from Arecibo Municipal Landfill



NOTES:

1. SEM PATH SHOWN IS FOR FINAL GRADES. SEM CONDUCTED WHILE THE LANDFILL IS AT INTERIM GRADES MAY VARY FROM THE PATH SHOWN. RECORDS OF THE PATH FOLLOWED WILL BE MAINTAINED BY THE FACILITY.
2. SEM PATH WILL BE SPACED 30 M APART IN ACCORDANCE WITH NSPS RULES.

REVISION	DATE	BY	#

ARECIBO MUNICIPAL SOLID WASTE LANDFILL
ARECIBO, P.R

LANDFILL TECHNOLOGIES OF ARECIBO, CORP.

SURFACE EMISSIONS MONITORING
SAMPLING PATH

DRAWING: S-100
SCALE:
DATE: 01/2010

APPENDIX C

Surface Emission Readings

LANDFILL TECHNOLOGIES OF ARECIBO LLC

SURFACE EMISSION MONITORING – ARECIBO LANDFILL

JUNE 2018

POINT	DETECTOR	CONCENTRATION	UNITS	TYPE	FE
DOWNWIND	FID	1.16	PPM	OK	FE
UPWIND	FID	1.98	PPM	OK	FE
POINT1	FID	26.18	PPM	OK	FE
POINT2	FID	2.63	PPM	OK	FE
POINT3	FID	43.56	PPM	OK	FE
POINT4	FID	1.98	PPM	OK	FE
POINT5	FID	3.63	PPM	OK	FE
POINT6	FID	0.69	PPM	OK	FE
POINT7	FID	1.29	PPM	OK	FE
POINT8	FID	3.51	PPM	OK	FE
POINT9	FID	4.35	PPM	OK	FE
POINT10	FID	99.86	PPM	OK	FE
POINT11	FID	95.1	PPM	OK	FE
POINT12	FID	110.45	PPM	OK	FE
POINT13	FID	91.48	PPM	OK	FE
POINT14	FID	99.79	PPM	OK	FE
POINT15	FID	1.81	PPM	OK	FE
POINT16	FID	6.34	PPM	OK	FE
POINT17	FID	6.66	PPM	OK	FE
POINT18	FID	25.0	PPM	OK	FE
POINT19	FID	2.1	PPM	OK	FE
POINT20	FID	1.2	PPM	OK	FE
POINT21	FID	6.81	PPM	OK	FE
POINT22	FID	4.38	PPM	OK	FE
POINT23	FID	15.54	PPM	OK	FE
POINT24	FID	63.2	PPM	OK	FE
POINT25	FID	27	PPM	OK	FE
POINT26	FID	3.45	PPM	OK	FE
POINT27	FID	5.22	PPM	OK	FE
POINT28	FID	9.36	PPM	OK	FE
POINT29	FID	12.75	PPM	OK	FE
POINT30	FID	25.38	PPM	OK	FE
POINT31	FID	187.2	PPM	OK	FE
POINT32	FID	131.4	PPM	OK	FE
POINT33	FID	234	PPM	OK	FE
POINT34	FID	184	PPM	OK	FE
POINT35	FID	192	PPM	OK	FE
POINT36	FID	424.8	PPM	OK	FE
POINT37	FID	7.92	PPM	OK	FE
POINT38	FID	3.24	PPM	OK	FE
POINT39	FID	4.77	PPM	OK	FE
POINT40	FID	10	PPM	OK	FE
POINT41	FID	3.24	PPM	OK	FE
POINT42	FID	16.20	PPM	OK	FE
POINT43	FID	8.28	PPM	OK	FE

LANDFILL TECHNOLOGIES OF ARECIBO LLC

SURFACE EMISSION MONITORING – ARECIBO LANDFILL

JUNE 2018

POINT	DETECTOR	CONCENTRATION	UNITS	TYPE	FE
POINT44	FID	2.73	PPM	OK	FE
POINT45	FID	23.8	PPM	OK	FE
POINT46	FID	23.94	PPM	OK	FE
POINT47	FID	12.88	PPM	OK	FE
POINT48	FID	24.66	PPM	OK	FE
POINT49	FID	48	PPM	OK	FE
POINT50	FID	35.6	PPM	OK	FE
POINT51	FID	16.82	PPM	OK	FE
POINT52	FID	39.9	PPM	OK	FE
POINT53	FID	29.47	PPM	OK	FE
POINT54	FID	45.6	PPM	OK	FE
POINT55	FID	34.53	PPM	OK	FE
POINT56	FID	55.57	PPM	OK	FE
POINT57	FID	35.17	PPM	OK	FE
POINT58	FID	37.02	PPM	OK	FE
POINT59	FID	54.43	PPM	OK	FE
POINT60	FID	58.65	PPM	OK	FE
POINT61	FID	315.39	PPM	OK	FE
POINT62	FID	286.63	PPM	OK	FE
POINT63	FID	358.98	PPM	OK	FE
POINT64	FID	194.71	PPM	OK	FE
POINT65	FID	253.23	PPM	OK	FE
POINT66	FID	289.23	PPM	OK	FE
POINT67	FID	314.69	PPM	OK	FE
POINT68	FID	12.74	PPM	OK	FE
POINT69	FID	14.43	PPM	OK	FE
POINT70	FID	22.89	PPM	OK	FE
POINT71	FID	22.8	PPM	OK	FE
POINT72	FID	26.88	PPM	OK	FE
POINT73	FID	40.96	PPM	OK	FE
POINT74	FID	61.88	PPM	OK	FE
POINT75	FID	64.77	PPM	OK	FE
POINT76	FID	62.47	PPM	OK	FE
POINT77	FID	28.02	PPM	OK	FE
POINT78	FID	35.37	PPM	OK	FE
POINT79	FID	34.28	PPM	OK	FE
POINT80	FID	43.48	PPM	OK	FE
POINT81	FID	40.53	PPM	OK	FE
POINT82	FID	33.54	PPM	OK	FE
POINT83	FID	41.63	PPM	OK	FE
POINT84	FID	36.59	PPM	OK	FE
POINT85	FID	30.73	PPM	OK	FE
POINT86	FID	28.39	PPM	OK	FE
POINT87	FID	26.3	PPM	OK	FE
POINT88	FID	37.07	PPM	OK	FE

LANDFILL TECHNOLOGIES OF ARECIBO LLC
SURFACE EMISSION MONITORING – ARECIBO LANDFILL
JUNE 2018

POINT	DETECTOR	CONCENTRATION	UNITS	TYPE	FE
POINT89	FID	50.69	PPM	OK	FE
POINT90	FID	57.61	PPM	OK	FE
POINT91	FID	52.32	PPM	OK	FE
POINT92	FID	39.7	PPM	OK	FE
POINT93	FID	38.69	PPM	OK	FE
POINT94	FID	30.15	PPM	OK	FE
POINT95	FID	30.45	PPM	OK	FE
POINT96	FID	19.85	PPM	OK	FE
POINT97	FID	14.45	PPM	OK	FE
POINT98	FID	2.62	PPM	OK	FE
POINT99	FID	3.03	PPM	OK	FE
POINT100	FID	0.48	PPM	OK	FE
POINT101	FID	218	PPM	OK	FE
POINT102	FID	160	PPM	OK	FE
POINT103	FID	293	PPM	OK	FE
POINT104	FID	199	PPM	OK	FE
POINT105	FID	60	PPM	OK	FE
POINT106	FID	299	PPM	OK	FE
POINT107	FID	173	PPM	OK	FE
POINT108	FID	2.4	PPM	OK	FE
POINT109	FID	2.28	PPM	OK	FE
POINT110	FID	1.25	PPM	OK	FE
POINT111	FID	2.3	PPM	OK	FE
POINT112	FID	7.13	PPM	OK	FE
POINT113	FID	1.62	PPM	OK	FE
POINT114	FID	1.74	PPM	OK	FE
POINT115	FID	1.50	PPM	OK	FE
POINT116	FID	3.06	PPM	OK	FE
POINT117	FID	1.86	PPM	OK	FE
POINT118	FID	2.28	PPM	OK	FE
POINT119	FID	1.74	PPM	OK	FE
POINT120	FID	1.8	PPM	OK	FE
POINT121	FID	21.12	PPM	OK	FE
POINT122	FID	4.7	PPM	OK	FE
POINT123	FID	0.9	PPM	OK	FE
POINT124	FID	0.7	PPM	OK	FE
POINT125	FID	1.3	PPM	OK	FE
POINT126	FID	1	PPM	OK	FE
POINT127	FID	6.3	PPM	OK	FE
POINT128	FID	4.6	PPM	OK	FE
POINT129	FID	4	PPM	OK	FE
POINT130	FID	1.3	PPM	OK	FE
POINT131	FID	4.8	PPM	OK	FE
POINT132	FID	13.8	PPM	OK	FE